

2. (Once Amended) The heat sink of claim 1, further comprising a first fan attached to the top of the folded fin structure to introduce [the] a convection medium.

3. (Once Amended) The heat sink of claim 2, further comprising a second fan attached to the front of the folded fin structure to introduce [the] a convection medium.

22. (Once Amended) A heat sink, comprising:

a thermally conductive sheet creased in an accordion fold to form a plurality of surfaces defining a fin bundle having a top and a bottom, wherein the top of the fin bundle is modified to create a plurality of openings that extend along a portion of the length of the top of the fin bundle, and wherein more than fifty percent of the plurality of surfaces are receptive to an introduced convection medium;

a fan for introducing the convection medium, the fan attached to the top of the fin bundle;
and

a base attached to the bottom of the fin bundle.

23. (Twice Amended) The apparatus of claim [21] 22, wherein the sheet is made from an alloy containing aluminum.

24. (Twice Amended) The apparatus of claim [21] 22, wherein the base is made out of manufactured diamond.

REMARKS

Applicants have reviewed and considered the Office Action mailed on August 29, 2000, and the references cited therewith. Claims 1-3 and 22-24 are amended, claims 4, 10-12 are canceled without prejudice and disclaimer, and no claim is added; as a result, claims 1-3, 5-9, and 22-24 are now pending in this application.